

Information Model for Distance Education Management in Thai Supply Chain

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Abstract—The aims of this research was to develop and to evaluate information Model for distance education management in Thai supply chain . The samples are ten experts selected by purposive sampling. The data is analysed by means and standardized deviations. The research result shows that the model consists of five elements namely main components, Suppliers, Manufacturer, finished product ,Customers, The assessment of information Model for distance education management in Thai supply chain is rated as absolutely appropriate in overall. The rating mean of 3.67 and standard deviation of 0.73, which means that the model is appropriate at the high level which that mean The model to support information system development.

Keywords—*information Model, Distance education management, Thai supply chain*

1. Introduction

Nowaday, Open College will have served the Thai individuals for 30 a long time as an established of higher learning that utilizes open and remove instruction framework. Since the university's establishing, the worldwide drift toward long lasting learning, which depends on the bolster of electronic media and present day broadcast communications has been recognized. These improvements have made extraordinary openings for open College to transmit information to the individuals. The college has subsequently organized instructive programs joining a wide extend of media, counting printed media, radio and tv programs, and electronic media with the point of building the information - based society in Thailand. An open College will devote itself to the point of lifting Thailand into a knowledge-based society, utilizing the innovation of the worldwide time and serving the individuals beneath the motto "Anytime, anyplace - everybody can learn with open College. In the mean time Instruction framework in Thailand is given primarily by the government through the Thai Service of Instruction. Instruction is isolated into two major levels with 6 a long time of elementary/primary school and 6 a long time of high/secondary school. After 2001, the Service changed the framework of instruction, and it is presently partitioned into four levels: the primary three a long time in elementary school is the primary level, the moment level is the

other half, the third level is the primary three a long time in tall school, and the final is the other half of tall school. After each level, understudies are required to pass the NET (National Instructive Test) to graduate.[23] So An application of a concept of supply chain administration data is connected to separate instructive framework . It'll be discretionary because the commerce must be exceedingly competitive due to progressively tall competitions from both inside and exterior the country. In arrange to be highly competitive, organizations within the segment have to be have staff with information, capacity and skills who can work proficiently to extend yield . The organizations, subsequently, have to be have adequate data and assets to extend their values and react to the request of their clients. In this way, the supply chain administration prepare may be a key handle to bolster the organization's entirety exercises framework from upstream to downstream. It empowers the organization to instantly check the data framework to guarantee that the organization works easily and viably based on the decided techniques. [1] Accordingly researcher has decided develop and evaluate information model for distance education management in Thai supply chain for application to amplify fulfilment for buyers.

2. Related work

Chansamut,&Piriyasurawong(2014) said that conceptual framework of supply chain management information system for curriculum management based on Thailand Qualifications Framework for Higher Education. The targets of this inquire about are (1) to synthesize Conceptual Framework of Supply Chain Management Information System for Curriculum Management Based on Thailand Qualifications Framework for Higher Education and (2) to assess Conceptual Framework of Supply Chain Management Information System for Curriculum Management Based on Thailand Qualifications Framework for Higher Education. The investigate test totalling 10 specialists comprised of five specialists on supply chain administration, two specialists on educational programs, and three specialists on data innovation. The employed research instrument may be a

survey. Measurements utilized for information investigation are cruel and standard deviation. The investigate technique comprised of six stages: (1) the thinks about and amalgamations of related archives, investigate thinks about, and articles; (2) the drafting of preparatory conceptual system; (3) the recognizable proof of specialists; (4) the advancement of an assessment frame to survey fittingness of the conceptual system; (5) the information collection and investigation; and (6) the ultimate change of the conceptual system based on proposals of the specialists.

Inquire about discoveries appear that the synthesized conceptual framework of supply chain management information system for curriculum management based on Thailand Qualifications Framework for Higher Education comprises four fundamental components, specifically, Providers, College (Producer), Instruction Clients, and Buyer. Assessment comes about by the specialists appear the assessment rating cruel of 4.07 with standard deviation of 1.10 showing that the conceptual system is considered to be at the great level. Moreover, assessment comes about of suitability for sub-components are as takes after:

1. The appropriateness rating mean for sub-components of the Supplier component is 4.15, which can be interpreted to be at the good level.

2. The appropriateness rating mean for sub-components of the University component is 4.20, which can be interpreted to be at the good level. This is because the University component contains the sub-components at the decision making level of the educational supply chain.

3. The appropriateness rating mean for sub-components of the Education Customers component is 4.20, which can be interpreted to be at the good level. This is because the Education Customers component contains the sub-components of direct service receivers.

4. The appropriateness rating mean for sub-components of the Consumer component is 4.10, which can be interpreted to be at the good level. This is because the consumer component contains the sub-component of customers as the end-of-supply chain process that affect the quality of graduates to be delivered to the society.

The overall evaluation result for the synthesized conceptual framework of supply chain management information system for curriculum management based on Thailand Qualifications Framework for Higher Education shows the overall rating mean of 4.14 and standard deviation of 1.00, which means that the synthesized conceptual framework is appropriate at the high level and can be appropriately applied in actual work settings.

An information system in supply chain is one of the components of supply chain that can offer both improved performance It enables curriculum to maintain key information in an accessible format and helps to take operational and planning decisions. The selection and fruitful usage of program and arrange innovation contribute in a expansive way for the supply chain victory encouraging the stream of data and improving the proficiency of supply chain exercises.

Information model for basic education core curriculum management in Thai supply chain consists of five elements namely main components, Suppliers, school, Learners have completed and customers. All comprehensive see of the sub-component in terms and data streams in supply chain for arrange to meet its major challenge, and which is guaranteeing coherence between the information stream to optimize educational programs supply.[6]

3. Research Methodology

3.1 Ponders and amalgamations of archive around an information model for distance education management in Thai supply chain

3.2 Ponder approximately an information model for distance education management in Thai supply chain by meeting the expert

3.3. Plan around an information model for distance education management in Thai supply chain

3.4 Show around an information model for distance education management in Thai supply chain to the advisors for thought and revision.

3.5 Show approximately an information model for distance education management in Thai supply chain to the specialists for thought by in-depth interview.

3.6. Make the assessment instruments for assess the model's suitability.

3.7 Display the planned almost an information model for distance education management in Thai supply chain to the ten specialists comprised of five specialists on supply chain administration, 5 specialists on data framework.

3.8 An information model for distance education management in Thai supply chain is altered concurring to the experts' suggestions.

3.9 After alteration, displaying an information model for distance education management in Thai supply chain within the frame of graph with report.

3.10 Analyze the data with by cruel and standard deviation comprising of 5 criteria for assessment concurring to the thought of Likert scale.

4. Results

Information model for distance education management in Thai supply chain are appeared in figure 1.

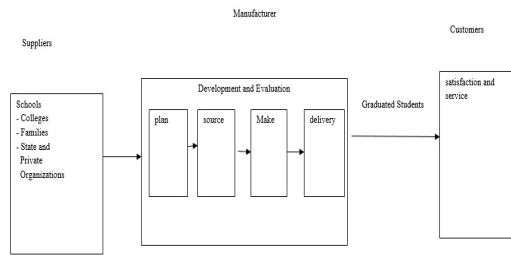


Figure 1: Information model for distance education management in Thai supply chain

1. Suppliers

Suppliers mean the organizations that supply crude materials to the producer. Crude materials in this case are understudies who graduated from tall schools or two-year colleges. They can apply for confirmation through the computer framework that can handle and store the information.

2. Manufacturer

The manufacturer means professional college that produces graduated understudies. It performs the obligation to convert crude materials into the wrapped up items of qualified graduated understudies. The professional college will perform its obligation of understudy improvement and appraisal .It is based on the thought that all supply chain assignments and exercises can be doled out to four essential forms - arrange, source, make, convey of each movement, to be specific, enrolment of teaches and confirmation of understudies, educational modules arranging, educational programs advancement, arrangement of learning exercises for understudy advancement, arrangement of hands on work encounter preparing, assessment of learning results, and announcing

3 Finished product

The Finished products mean graduated students from Open University.

4. Customers

Customers mean society or consumer. On the other hand refer to graduated students. [1],[2],[3],[4],[5],[6],[23].

Table 1: Information model for distance education management in Thai supply chain

No	Evaluation Lists	\bar{X}	S.D.	Suitability
1	Main components	3.65	0.64	High
2	Suppliers	3.62	0.97	High
3	Manufacturer	3.67	0.76	High
4	Finished product	3.70	0.82	High
5	Customers	3.70	0.48	High
	Total	3.67	0.73	High

From table 1, The experts found that information model for distance education management in Thai supply chain is highly appropriate ($\bar{X} = 3.67$, S.D. = 0.73).

5. Conclusion

Information model for distance education management in Thai supply chain is appropriate at the high level development The rating mean of 3.67 and standard deviation of 0.73, which means that The model to support information system development.

6. Discussion

Information model for distance education management in Thai supply chain is considered to be high appropriate ($\bar{X} = 3.67$, S.D. = 0.73), and the design was corresponds to an article of Chansamut has studied supply chain and other information. [2],[3],[4],[5],[6],[7],[8],[9],[10],[11],[12],[13],[14],[15],[16],[17],[18],[19],[20],[21] and [22]

7. Recommendation

Information model for distance education management in Thai supply chain is considered to be tall suitable in case conceivable it ought to make database for the created a demonstrate execution comes about.

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